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### PART III—SECTION 2

#### Notifications and Notices Issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

##### Patents and Designs

*Calcutta, the 13th July 1963*

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

*22nd June 1963*

- 88554. Halcon International, Inc. Chemical process.
- 88555. Halcon International, Inc. Chemical process.
- 88556. Joseph Lucas (Industries) Limited. Electric starting mechanism for internal combustion engines. (25th June 1962).
- 88557. Stamicarbon N. V. Process for preparing acetic acid by catalytic oxidation of propylene.
- 88558. P. Boutin and R. J. J. Tremblay. Method and apparatus for the froth flotation of ores.
- 88559. Imperial Chemical Industries Limited. Maleic anhydride copolymers. (25th June 1962).
- 88560. Williams & Williams Limited. Constructional elements.
- 88561. Ciba Limited. Manufacture of quinazolines.
- 88562. The Carborundum Company. Improvements in abrasive articles (6th July 1962).
- 88563. Food Techniques, Inc. Process for oleaginous seed.
- 88564. Brown, Boveri & Company Limited. System for the operation of a fuel cell with gas diffusion electrodes.
- 88565. Ciba Limited. Process for reducing the toxicity of and extending the active period of organic phosphorus compounds.
- 88566. Ciba Limited. Water-insoluble disazo dyestuffs and process for their manufacture.

*24th June 1963*

- 88567. P. N. Rau. Utilising only a oscillator coil and doing away with other bands oscillator coils, modifying the usual circuit reduction in cost of production and yet achieving stable short wave reception in superhet. Receivers.
- 88568. Council of Scientific and Industrial Research. A process for the preparation of an anticonvulsant composition based on 3- $\beta$ -N-diakyl or arylaminoalkyl-quinazols-4-thiones and quinazol-4-ones.

- 88569. Council of Scientific and Industrial Research. A device for raising and releasing of weights.
- 88570. H. L. Parikh. Improvements in electrical control gear housing.
- 88571. H. L. Parikh. An apparatus to indicate the condition of the lines and the fuses in a three-phase circuit.
- 88572. S. Chander. Automatic garage.
- 88573. F. N. Gilder and F. F. Gilder. An improved device in clock-work and the like activated by pendulum or balance wheel to run with precision.
- 88574. Bristol-Banyu Research Institute Ltd., Chemical process.
- 88575. Westinghouse Electric Corporation. Improvements in or relating to logic device.
- 88576. The British Drug Houses Limited. Organic compounds. (2nd July 1962).
- 88577. Associated Electrical Industries Limited. Improvements in electric incandescent lamps. (6th July 1962).
- 88578. Shell Internationale Research Maatschappij N. V. Process and apparatus for preparing gas mixtures containing hydrogen and carbon monoxide (26th June 1962).
- 88579. Shell Internationale Research Maatschappij N. V. A combustion device for hydrocarbon fuel. (25th June 1962).
- 88580. J. R. Geigy A.G. Process for the upgrading of a bistriazinylamino stilbene derivative.
- 88581. Societe Ultrafine De L'Union Francaise. Improvements in or relating to pulverisers. (26th June 1962).
- 88582. Carlisle Chemical Works, Inc. Acetal and ketal phosphites.
- 88583. Dr. Beck & Co. GmbH. Modified polyesters.
- 88584. The British Petroleum Company Limited. Polymeric material. (6th November 1962).
- 88585. Phillips Petroleum Company. Improved Polymerization process and catalyst.
- 88586. Grain Processing Corporation. Treatment and use of enzymes for the hydrolysis of starch.
- 88587. H. G. Enterprises. Sacroiliac support.
- 88588. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and process for preparing them.

25th June 1963

88589. Dynamit Nobel Aktiengesellschaft. Process for the fabrication of a corrosion-resistant, highly wear resistant covering.
88590. The Babcock & Wilcox Company. Tube follower and search tube mounting device.
88591. Radio Corporation of America. Amplifier.
88592. E. Wilbushewich. Freezing apparatus for liquids.
88593. Fuller Company. Pneumatic conveying apparatus. [Divisional date 25th April 1962].
88594. General Motors Corporation. Position-indicator mechanism.
88595. Carrier Corporation. Dynamoelectric machinery.
88596. Olin Mathieson Chemical Corporation. Method of sterilization.
88597. Olin Mathieson Chemical Corporation. Chemical compounds.
88598. The English Electric Company Limited. Closed loop control systems. (19th April 1962).
88599. The English Electric Company Limited. Improvements in or relating to fluid machines. (3rd July 1962).
88600. The English Electric Company Limited. Improvements in or relating to fluid machines. (16th July 1962).
88601. Imperial Chemical Industries Limited. Initiating explosive compositions. (28th June 1962).
88602. International Business Machines Corporation. Arrays of magnetic circuit elements and process of preparation.
88603. Ab Ferrosan. Acetylglycineamide chloral hydrate, a process for its preparation and drugs containing the same.
88604. Chief Controller of Research & Development, Ministry of Defence, New Delhi. Air cooler. [Addition to No. 67888].
88605. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Substituted octahydroisoquinolines and process for the manufacture thereof.
88606. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Mixtures of oligopeptides and process for the manufacture thereof.
88607. L. J. Fry. Apparatus for and method of generating methane gas from manure.
88608. Sandoz Ltd. Improvements in or relating to organic compounds. (26th June 1962).
88609. Aktiebolaget Svenska Flaktfabriken. Dust separating device.
88610. Aktiebolaget Svenska Flaktfabriken. An arrangement in devices for supporting and conveying airborne materials.
88611. Head, Wrightson & Company Limited. Improvements relating to the drying and cleaning of small or fine coal, or other particulate materials, containing components of different specific gravities. (27th June 1962). [Addition to No. 80582].
88612. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of unsaturated carbonyl compounds.
88613. Teijin Limited. Novel moulding material and the moulded articles obtained therefrom.
88614. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to semi-conductor devices and methods of manufacturing the same.
88615. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for colour television receivers.
88616. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to polycrystalline ferrite bodies and methods of manufacturing same.
88620. "Shell" Research Limited. Electric cells. (28th June 1962).
88621. American Home Products Corporation. Process for preparing a pteridine compound and therapeutic composition comprising the same.
88622. Argus Chemical Corporation. Polyvinyl chloride resin stabilizers and resin compositions stabilized for use in food packaging.
88623. Dorr-Oliver Incorporated. Sedimentation tanks.
88624. AMP Incorporated. Stripping electrical tinsel wire.
88625. Linotype and Machinery Limited. Mechanical type setting. (29th April 1963).
88626. Solvey & Cie. Improved process of polymerising olefines.
88627. Automatic Telephone & Electric Company Limited. Improvements in or relating to automatic telephone systems. (4th July 1962).
88628. Muszentermelo Vallalat. Tin-lead bronze bimetallic bearings and process for producing them.
88629. Sperry Rand Corporation. Duplex operation of peripheral equipment.
88630. Ciba Limited. Manufacture of unsaturated compounds. [Divisional date 13th March 1962].
88631. Ciba Limited. Manufacture of unsaturated compounds. [Divisional date 18th July 1962].
88632. Krasnodarsky Filial Nauchno-Issledovatel'skovo Instituta Selskovo Stroitelstva. Unit for treating reed by splitting its stems into strips and removing leaves, inner film and pulp.
88633. Metal legesellschaft Aktiengesellschaft. Improvements in or relating to the magnetising roasting of oxidic iron ores. (26th September 1962).
88634. E. Halilovic, B. Radisic and P. Miljkovic. Coupling for hose used carrying high-pressure fluid.

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88635. P. G. Menon. Tooth rub. [Addition to No. 85344].
88636. Anstalt für die Entwicklung von Erfindungen und Gwerblichen Anwendungen Energa. Rifle grenade.
88637. Glaxo Laboratories Limited. Improvements in or relating to steroids. (17th August 1962).
88638. The Firestone Tire & Rubber Company. Method and apparatus for building tires. (7th June 1963).
88639. International Business Machines Corporation. Ribbon feed mechanism.
88640. International Business Machines Corporation. Print impression control mechanism.
88641. Union Carbide Corporation. Thermal insulation.
88642. G. B. C. Corporation. Granulated bituminous concrete material and methods of manufacturing and using same.
88643. Subbaramayyer. Treatment of timber chemically.
88644. V. S. S. Rao. Starting a single phase induction motor by the use of an unsymmetrical squirrel cage rotor.
88645. Standard Telephones and Cables Limited. Improvements in or relating to display devices. (28th June 1962).
88646. The Carborundum Company Limited. Improvements in or relating to diamond truing, dressing and forming tools for grinding wheels.
88647. Ciba Limited. Process for the manufacture of a polypeptide.
88648. Studi E Brevetti Applicazioni Tessili s.r.l. Improved spinning plant for man-made fibres.
88649. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Insecticidal or larvicidal compound. (2nd July 1962).
88650. Indoplast Limited. Improvements in the production of expandable vinyl polymers in granular form.

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88617. K. Sundararajan. Indicating replaceable fuse.
88618. N. M. Rawal. An apparatus for obtaining lappate weave on a plain textile loom.
88619. H. M. Dinshaw. Parallel slide expansion joint (for steam & water lines).
88651. Pullman Incorporated. Method and apparatus for protecting vehicle loads.
88652. Pullman Incorporated. Long travel hydraulic cushion device.

88653. Pullman Incorporated. Long travel cushioning arrangement for crane lift freight containers.
88654. Pullman Incorporated. Skeleton car with long travel cushioning characteristics for transporting freight containers.
88655. Pullman Incorporated. Cushion container support platform for railroad flatcars.
88656. Pullman Incorporated. Cushioned sliding center sill construction.
88657. Pullman Incorporated. Split sliding sill and cushioning arrangement.
88658. Pullman Incorporated. Cushioned low level railway vehicle.
88659. Pullman Incorporated. Hydraulic cushion device.
88660. Pullman Incorporated. Maximum energy absorbing hydraulic cushion.
88661. Pullman Incorporated. Container car.
88662. Pullman Incorporated. Container car and container therefor.
88663. Pullman Incorporated. Deckless long travel cushion car for freight containers.
88664. Pullman Incorporated. Concentric cushioned stop construction.
88665. Pullman Incorporated. Cushioned rack assembly for railway cars.
88666. Pullman Incorporated. Self-adjusting cushioning device for railway vehicles.
88667. Parke, Davis & Company. Pharmaceutical compositions.
88668. Kureha Chemical Industry Co., Ltd. A process for working graphite anode for electrolytic cell for the electrolysis of alkaline salt solution by mercury process.
88669. Sandoz Ltd. Improvements in or relating to organic compounds. (29th June 1962). [Addition to No. 81333].
88670. Sandoz Ltd. Improvements in or relating to organic compounds. (29th June 1962).
88671. Sandoz Ltd. Improvements in or relating to organic compounds. (29th June 1962).
88672. Sandoz Ltd. Improvements in or relating to organic compounds. (29th June 1962).
88673. Sonotone Corporation. Phonograph pickups.
88674. Ciba Limited. New dyestuffs and processes for their manufacture and use.
88675. Chinoin Gyogyszer-és Vegyeszeti Termékek Gyára RT. New succinimide-derivatives and method for their preparation.
88676. Laporte Titanium Limited. Improvements in and relating to tubular or like articles. (11th July 1962).
88677. G. D. Kher, R. N. Kher and C. L. Kher. Air cooler.
88678. Metallgesellschaft A.G. Device for admission of washing or cooling liquid.

#### Alteration of date

80686. The claim to priority date 13th February 1961 has been disallowed and the application dated as of 12th February 1962, the date of filing in India.
81233. The claim to priority date 22nd September 1961 has been disallowed and the application dated as of 14th March 1962, the date of filing in India.
87673. Ante-dated to 30th January 1962 under Section 5 of the Act.
88032. Ante-dated to 25th September 1961 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs.

2 (postage extra), if sent out of India). Requisition for the supply of printed specifications should be accompanied by numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the date allowed under Section 78-A of the Act.

78597. Zentrale Forschungsstelle Für Die Kali-Industrie. Methods for production of magnesium oxide and mixture of magnesium oxide and magnesium chloride hydrate from solutions or salts, containing magnesium chloride ( $MgCl_2$ ). Accepted on 25th June 1963.

*Thermally decomposing magnesium chloride.*

78609. N. Laing. Improvements relating to rotors for flow machines (i.e. blowers and pumps) of the cross flow kind. Accepted on 25th June 1963.

*Comprising a supporting element in the form of a disc or ring, a plurality of blades extending at right angles to the supporting element and disposed in a ring about the axis.*

78610. N. Laing. Improvements relating to blowers. Accepted on 25th June 1963.

*Having a series of blades arranged in a ring and extending the length of the rotor parallel with the rotor axis, two wall portions which extend the length of the rotor in parallel spaced relation thereto and to each other.*

78614. Debendranath Ganguli. Improvements in transistor circuits. Accepted on 25th June 1963.

*Wherein one transistor is used as a detector and audio amplifier in a common emitter circuit and the regeneration is produced by connecting an inductance and capacitance in a parallel tuned circuit connected between the emitter and common ground.*

78730. General Electric Company. Magnetic materials. Accepted 28th June 1963.

*Electrolytically depositing fint particles into liquid metal cathode from acidic electrolyte of divalent ions of Ni and Co under quiescent interface conditions.*

78808. J. L. Mulvaney. Improvements in or relating to hollow load bearing walls built up of pre-cast concrete units. Accepted on 26th June 1963.

*The units having two outer solid flanges or wall faces and a holed web.*

78899. Ciba Limited. Anthraquinone dyestuffs free from acid groups imparting water-solubility their manufacture and use. Accepted on 26th June 1963.

*Condensing anthraquinone containing single anthraquinone radical and one benzene ring of anthraquinone nucleus, substituent containing nitrogen hydroxy group or halogen atom, with arylmercaptan.*

79231. Union Tank Car Company. Improvements in or relating to clarifying liquids containing solids, contaminants and the like particles. Accepted on 26th June 1963.

*Comprising the steps of introducing liquids to be clarified into a receptacle, moving liquids to be clarified into a receptacle for settling heavy agglomerated particles on primary settling area, further moving liquid into a free-fall zone and removing receptacle particles settled in primary settling are free-fall zone.*

79234. H. T. Golde G. M.B.H. & Co., K.G. A manually operated driving device for sliding windows of motor vehicles. Accepted on 26th June 1963.

*In which the pulling means are cables rigid to pressure, having its surface formed with teeth complementary to toothed wheel and is guided through tubular guides.*

79886. Arbed, Acieries Reunies De Burbach-Eichdudelage. S. A. Process for the production of refractory blocks having a base of refractory materials and organic binding agents. (12th December 1961). Accepted on 20th June 1963.

- During production of the blocks elements are incorporated to extend into or through the blocks to heat the blocks to 100° to 350°C, the blocks are then subjected to vibrations to compact.
79907. Shell Internationale Research Maatschappij N. V. A process for the preparation of copolymers of alpha beta ethylenically unsaturated aldehydes suitable for use in the preparation of surface coatings. Accepted on 21st June 1963.
- Reacting unsaturated compounds in presence of sulphur dioxide or disulphite adduct of alpha, beta-ethylenically unsaturated aldehydes as reducing agent.
79953. Svenska Aktiebolaget Bromsregulator. Improvements to brake linkage adjusting devices. Accepted on 24th June 1963.
- Improvement in Indian Patent Specification No. 72676 wherein a motion discriminator is interposed between the rotating assembly and the guide sleeve of the adjuster.
79955. Johns-Manville Corporation. A binder composition and a method of improving the receptivity of glass fibers by using said composition. Accepted on 25th June 1963.
- Comprising compound of polyvalent metal salt and phenol, acids of phenol or mixtures thereof.
79959. Montecatini Società Generale Per Industria Mineraria E Chimica. Process for preparing fungicidal organic sulfur compounds from chloromethyl phenylacetate. Accepted on 24th June 1963.
- By reaction of chloromethyl phenylacetate with a compound R-C-SMe (R is methoxy, ethoxy isopropoxy dimethylamino or diethylamino group and M is alkali metal)
79961. W. J. Campbell. Improvements in or relating to door handles. Accepted on 22nd June 1963.
- In which the spring bolt operating bar comprises two members with means for axially adjusting and locking said members being provided in the socket of the follower of the spring bolt mechanism.
79994. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Phenol resin foams and process for producing the same. Accepted on 22nd June 1963.
- Wherein an aqueous solution of a resin derived from a phenol and formaldehyde is foamed in the presence of 0.1 to 2% by weight with reference to the phenol resin, of a reaction product derived from a fatty alcohol and ethylene oxide.
30011. J. R. Geigy A.G. Process for the production of 1-hydroxy-4-phenyl-aminoanthraquinone compounds and their use for dyeing polyester material. Accepted on 27th June 1963.
- Reacting mixture of 1,4, dihydroxyanthraquinone and its leuco compound with a vicinally substituted aniline in presence of boric acid ester of 1, 3-diol.
80027. Clark Equipment Company. An auxiliary braking system for a vehicle with a change speed transmission. Accepted on 26th June 1963.
- Includes a casing containing fluid and shaft, a pump, a heat exchanger, fluid contact means.
80056. Heyl & Patterson Inc. Forth floatation process and apparatus. (13th November 1961). Accepted on 26th June 1963.
- In which mass of liquid is impelled into a body liquid when the mass is substantially below the surface of the body.
80059. Studiengesellschaft Kohle mbH. Process for the production of substituted azulenes. Accepted on 22nd June 1963.
- Treating an azulene compound which is alkylated in 4,6 or 8 position with a metal-yielding compound and reacting the resulting alkylidene azulenate salt with an electrophilic compound.
80061. Aktiebolaget Svenska Flaktfabriken. Improvements in a method and device for manufacturing pipes of a continuous band of sheet metal or similar material. Accepted on 24th June 1963.
- In which fold of band is provided with regularly repeated point like impressions to secure the band edges together.
80072. II Pappert. Apparatus for drawing hollow articles from blanks of thermoplastic material. (14th September 1961). Accepted on 24th June 1963.
- In which the form block consists of inflexible rigidly connected narrow frame members and the face defined by the upper members of the frame is closed by elastic upper plate.
80104. Sun Oil Company. Processing of ethylene-propylene copolymer. Accepted on 22nd June 1963.
- Masticating an ethylene-propylene copolymer with 0.1 to 1.0% by weight of an organic peroxide at 250 to 400°F.
80112. K. Haussermann and H. Haussermann. Disengaging device for clutches in particular for motor vehicles. Accepted on 26th June 1963.
- A coarse control valve in operational connection with the piston of the working cylinder and a mechanically operated fine control valve surrounding former valve.
80113. K. Haussermann and H. Haussermann. Centrifugal clutch. Accepted on 26th June 1963.
- Having centrifugal elements connected positively to leaf springs the leading end of which seen in the direction of rotation is rotatably fixed on a pivot carried by a supporting block.
80136. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistor amplifiers. Accepted on 22nd June 1963.
- Which can be changed over to different functions by switching an amplifying unit on and off.
80164. P. C. C. Improvements in an elastically yieldable fastener for fastening rails on ties. Accepted on 22nd June 1963.
- In which thin sheet of plastic material interposed under clamping means between second branch and support.
80211. Fertilizer Corporation of India Limited. The process of preparation of improved cation exchange material from acid sludge of coke oven plant. Accepted on 25th June 1963.
- Mixing acid sludge with 25-200% by weight of 94-100% conc.  $H_2SO_4$  heating at 100-250°C cooling and washing the resulting material with water and crushing to less than 3 mm size.
80212. Fertilizer Corporation of India Limited. A process for preparation of improved cation exchanger from sulphonated coal. Accepted on 25th June 1963.
- Adding conc.  $H_2SO_4$  to sulfonated coal, heating the mixture, cooling and washing the product.
80281. Ciba Limited. Improvements in and relating to bodies having directionally scattering surfaces. Accepted on 26th June 1963.
- Comprises etching a body which has a smooth surface and of which at least the surface region is composed of an alloy of aluminum and a metal more electropositive than aluminum.
80349. Shell Internationale Research Maatschappij N. V. Pesticidal compositions. (23rd January 1961). Accepted on 25th June 1963.
- Comprising DDVP (dimethyl dichlorovinylphosphate) in admixture with one or more diluents.
80400. Libbey-Owens-Ford Glass Company. Method and apparatus for bending and tempering glass. Accepted on 26th June 1963.
- While being tempered the bent sheet is supported on the mould in an inclined position and in which the air directed against the sheet is controlled to move at least one edge of the sheet away from shaping surface.
80459. Metal Film Company, Inc. Improvements in or relating to a laminated web and method of producing the same. Accepted on 28th June 1963.
- Comprises of adhesively combining metal coated web and the plastic coated carrier web and stripping off the carrier web.

80489. Dow Corning Corporation. Improvements in or relating to organosilanes. Accepted on 24th June 1963.  
*Comprises reacting an epox sillane with a hydroxy ester of acrylic or methacrylic acid.*
80542. Algemene Kunstzijde Unie N. V. Improvements in or relating to the manufacture of fabrics. Accepted on 27th June 1963.  
*Wet thread is subjected to a finishing treatment after being unwound from the supply package and prior to or during passage through warp shed.*
80684. Hemrich Koppers Gesellschaft Mit Beschränkter Haftung. Method and apparatus for gasifying coal dust in suspension. Accepted on 26th June 1963.  
*Gasification is performed at a temperature at which most of the ash contained in the coal evaporates, whereafter the mixed ash vapours and formed gas is cooled to such an extent that the ash vapours are condensed and are granulated.*
80686. Dr. A. G. Gieslingen. Steam locomotive draught appliance. Accepted on 28th June 1963.  
*Characterised in that the angle between the longitudinal central plane of chimney and the straight lines drawn in transverse planes of chimney decreases upto a minimum of  $1\frac{1}{4}$  times or a maximum of twice the distance between the narrowest section of chimney and the nozzle opening and again increases further*
80688. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing cellulose materials with water-soluble dyestuffs containing thiosulfuric acid groups. Accepted, on 25th June 1963.  
*Treating with aqueous solution of dyestuff, containing at least one thiosulphuric acid group, drying and subjecting the material at a temperature upto  $60^{\circ}\text{C}$  to the action of formaldehyde and substance capable of forming aminoplasts and HCl.*
80817. Fertilizer Corporation of India Limited. A process for extraction of sulphur from spent iron oxide and revivification of its desulphurization capacity. Accepted on 25th June 1963.  
*Comprises in interaction with crude concentrated ammoniacal liquor, separation of the liquor, washing and exposing the iron oxide to atmosphere and distillation of the liquor.*
80819. Shell Internationale Research Maatschappij N. V. A process for the dewatering of sludges. Accepted on 28th June 1963.  
*In which, during filtration the sludge is treated with steam or other hot gases added downstream of the filter medium.*
80820. American Viscose Corporation. Cosmetic preparations containing cellulose crystallite aggregates. Accepted on 25th June 1963.  
*Comprising cellulose crystallite aggregates having an average level-off D. P. and an active cosmetic ingredient.*
80837. Ciba Limited. Process for dyeing and printing fibrous materials. Accepted on 24th June 1963.  
*Comprises impregnating fibrous materials with an aqueous preparation which contains 1:2-chromium or 1:2-cobalt complexes of azo or azomethine dyestuffs which contains at least one acidic group imparting solubility in water and contains aminoplasts that are dispersible in water and curing the fibrous materials in presence of acidic catalyst.*
80891. Pittsburgh Plate Glass Company. Apparatus for drawing sheet glass. Accepted on 26th June 1963.  
*Having a cooling chamber on each side of the plane of draw of glass sheet within the drawing chamber comprising sheet-like insulating refractory material impervious to gases.*
80946. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polyurethane polymers. (6th March 1961). Accepted on 28th June 1963.  
*Reacting organic isocyanates with hydroxyl group-containing compounds in presence of salt of thiophosphorus acid  $\text{X X}' \text{PYZ}$ ; X,  $\text{X}'$  are organic radicals, Y is sulphur and Z is hydroxyl, thiol or tertiary amine group.*
80980. Sperry Rand Corporation. Skew correcting circuit. Accepted on 24th June 1963.  
*Circuit comprising the combination of a N stage register for each information channel and sequence means for each channel selectively settable to transfer each binary information signal thereon into one said register stages.*
80982. Sperry Rand Corporation. Adjustable actuator mechanism. Accepted on 24th June 1963.  
*Comprising a main element, an arm element pivotally mounted to the main element, a linkage mechanism connected to said arm element, and means for adjusting the relative position of the arm element with respect to the main element.*
80991. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing shaped articles from acrylonitrile polymers and articles obtained therefrom. Accepted on 27th June 1963.  
*Characterised in that spinning solutions are extruded which consist of mixes of nitrile polymer with 1 to 20% by weight of nitrogen containing polymers.*
81042. Dunlop Rubber Company Limited. Improvements in or relating to apparatus for mixing plastic, liquid or particulate solid materials or combinations thereof. (8th March 1961). [Addition to No. 70601]. Accepted on 28th June 1963.  
*Comprising a casing having a passageway for the passage of material during mixing and having an inlet at one end and outlet at the other and a rotatable mixing member disposed in the passageway.*
81061. The Goodyear Tire & Rubber Company. Improvements in or relating to a method of vulcanizing and moulding a sheet of vulcanizable composition. Accepted on 28th June 1963.  
*Comprises in vacuum firming the sheet on a heated mould surface, heat conducted from said surfaces to the sheet effecting vulcanization in the absence of positive pressure being applied to the surface.*
81063. W. & T. Avery, Limited. Improvements relating to flexure stays in weighing apparatus. (8th March 1961). Accepted on 26th June 1963.  
*Comprising interconnected flexure elements extending over similar but oppositely convexly curved support surfaces.*
81108. United Merchants and Manufacturers, Inc. Oil-in-water vat dyeing emulsions and processes of dyeing fibrous materials therewith. Accepted on 28th June 1963.  
*By dispersing vat dyes particles having a size of 20 to 100 microns in a water solution of caseinate, soya bean proteinate or mixtures thereof and emulsifying the dispersion.*
81175. Les Usines De Melle. Process for catalytic dehydration of hydroxy carbonyl compounds. Accepted on 22nd June 1963.  
*Continuously passing a liquid mixture containing hydroxy carbonyl compound and water through a solid catalyst comprising a cation exchange carboxylic resin.*
81198. Shell Internationale Research Maatschappij N. V. Process for the dewaxing of a wax-containing residual lubricating oil-fraction. Accepted on 25th June 1963.  
*Characterized in that wax precipitation is effected in the presence of one or more copolymers derived from a vinylpyridine-type compound and from at least one ester of an aliphatic alcohol and an acid of the acrylic type.*

81202. Scientific Design Company, Inc. Multi-stage gas turbine with interstate catalytic reheat. Accepted on 26th June 1963.
- Comprising the steps of preheating the gases in a heat exchange zone, alternately catalytically oxidizing and reheating the gases, passing the products of combustion of said gases through the successive stages of multi-stage gas-turbine and passing the products from the last stage through the said heat exchange zone.*
81212. Ciba Limited. New anthraquinone dyestuffs and process for their manufacture. Accepted on 28th June 1963.
- Wherein a triazine is condensed with an amino-anthraquinone.*
81228. Scientific Design Company, Inc. Process for the production of adipic acid. Accepted on 27th June 1963.
- Comprises contacting cyclohexanone containing substrate with oxygen in an oxidation zone in presence of a catalyst consisting of manganese or manganese plus copper at 65° to 100°C and at a pressure of 1 to 30 p.s.i.g. and separating the adipic acid therefrom.*
81233. W. R. Grace & Company. Catalyst for conversion of air pollutants in auto exhaust. Accepted on 27th June 1963.
- Incorporating platinum on a high surface area support selected from the group consisting of silica-alumina, alumina, silica magnesia and alumina zircona to form a catalyst concentrate.*
81254. Pittsburgh Plate Glass Company. Improvements in or relating to the shaping of glass sheets. Accepted on 28th June 1963.
- Comprising the steps of applying uniform tension to cover member along a direction parallel to the axes of curvature of the shaping surface of forming member, shaping cover member while under tension, and maintaining cover member while so shaped under tension in continuous contact with shaping surface of forming member and interposed between shaping surface of forming member and surface of heat-softened glass sheet throughout pressure forming operation.*
81255. Automotive Products Company Limited. Improvements in and relating to disc brakes. (28th March 1961). Accepted on 26th June 1963.
- Wherein the brake pads disposed on opposite sides of the brake disc are each associated with an operating member.*
81285. Union Carbide Corporation. Metal plating process. Accepted on 22nd June 1963.
- Heating solid substrate, dipping the heated substrate into a liquid plating solution having a temperature maintained in the range of from 20°C to 100°C.*
81295. Shell Internationale Research Maatschappij N. V. Process for the polymerization of olefinically unsaturated hydrocarbons. Accepted on 27th June 1963.
- Characterised in that as vanadium compounds are used one or more vanadium complexes of aromatic carboxylic acids, substituted in the aryl nuclei by OH and/or SH groups.*
81356. J. R. Geigy A. G. Process for the production of basic azo dyestuffs and their use for the dyeing of polymeric and copolymeric acrylonitrile fibres. Accepted on 27th June 1963.
- Reacting a monoazo dyestuff with a reactive ester to form a cycloammonium compound.*
81392. Comptoir Linier. Process for the production of moulded resin products reinforced with fibres. (8th December 1961). Accepted on 22nd June 1963.
- Comprises distributing a thermosetting resin powder in or on a felt, subjecting the felt to the moulding press, heated to the curing temperature.*
81416. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and process for their manufacture. Accepted on 22nd June 1963.
- A diazonium compound of a primary amine of the benzene series is coupled in substance with 6-(2'-hydroxy-3'-naphthoylamino)-2:4-dioxo-1:2:3:4-tetrahydro-quinazoline.*
81453. Union Carbide Corporation. Modified polyethylene and process for preparing same. Accepted on 22nd June 1963.
- Heating polyethylene in the presence of xylene at about 250°C—400°C under autogenous pressure.*
81457. Ciba Limited. Method of hardening gelatine. Accepted on 24th June 1963.
- Wherein the gelatine is reacted with a colourless compound which contains at least one acid group imparting solubility in water, at least one heterocyclic six-membered ring having a halogen atom.*
81466. British Insulated Callender's Cables Limited. Improvements in or relating to H. T. transformers and to insulated strip conductors for use in their manufacture. (5th April 1961). Accepted on 26th June 1963.
- The insulated strip conductor has a dielectric wall built up of lappings of tapes of preimpregnated paper and is enclosed in an envelope of insulating material resistant to moisture.*
81564. Hermorion Limited. A method of producing sealed and partially filled packages of equal filling degrees. Accepted on 22nd June 1963.
- Filling material continuously and with constant discharge per time unit is brought into the interior of the tube and that the flat-pressing of the tube.*
81588. Esso Research and Engineering Company. Canal lining. (6th April 1961). Accepted on 26th June 1963.
- Which consists in injecting a bitumen emulsion into the water overlying the seepage bed.*
81595. Aquafilter Corporation. Cigarette holder. Accepted on 26th June 1963.
- A hygroscopic filter material is positioned within the forward end and a metallic sleeve coaxial with the holder is positioned within said forward end, the sleeve engaging said filter material.*
81640. M. A. Phanse. Improved automobile silencer muffler. Accepted on 24th June 1963.
- Comprising a main barrel, a valve plate within the barrel and two end covers with sockets.*
81648. The British Iron and Steel Research Association. Improvements in or relating to the formation of metal coatings. Accepted on 27th June 1963.
- Electrophoretically depositing the coating metal on metallic surface from a suspension of the coating metal on metallic surface from a suspension of the coating metal in finely divided form in an organic liquid.*
81705. D. N. Bernerus and E. L. Johansson. Arrangement in sewing machines. (23rd May 1961). Accepted on 27th June 1963.
- Characterised in that the hooks are alternately adjustable for cooperation with the needle and means provided for removal of bobbin from the hook and insertion of respooled bobbin.*
81752. Kugelfischer Georg Schafer & Co. and MaK Maschinen Bau Kiel GmbH. Axle bearing guiding device. Accepted on 22nd June 1963.
- Circular shaped resilient rings in the unstressed condition are arranged between cylindrical guiding pins and lateral cylindrical pillar guides.*
81793. S. P. Mishra. Improvements in or relating to internal combustion engines. Accepted on 26th June 1963.
- Comprising a central combustion chamber, an auxiliary cylinder on either side of the said chamber and two cylinder ends provided with a bounce chamber.*



81855. Montecatini Societ Generale Per L'Industria, Mineraria E Chimica. Vulcanizable mix comprising one or more ethylene/alpha-olefin copolymers, and vulcanizable products obtained therefrom. Accepted on 28th June 1963.
- Containing polyester obtained by condensation of unsaturated dicarboxylic acid with organic acid containing two esterifiable hydroxyl groups.*
81904. Owens-Corning Fiberglas Corporation. Method and apparatus for forming fibers. Accepted on 26th June 1963.
- Applying centrifugal forces to the material at the circular zone for forming the material into elongated bodies moving outwardly from the circular zone, engaging the bodies with an annular gaseous blast.*
81964. Massey-Ferguson (United Kingdom) Limited. Improvements in or relating to agricultural implements. (3rd May 1961). Accepted on 27th June 1963.
- Having a main frame to which at least one earth working tool is securable and a hitch assembly for hitching the implement to a tractor power-lift hitch linkage.*
81975. Sumitomo Chemical Company Ltd. Process for producing organic isocyanates. (29th January 1962). Accepted on 28th June 1963.
- Comprises mixing solution of primary amine with phosgene, based upon the amount of amine, below room temperature; a step of introducing phosgene into reaction mixture at 60° to 80°C thereby to convert the amino groups to carbamyl chloride; a step of heating the suspension at high temperature to cause the decomposition of carbamyl chloride to isocyanate.*
82040. Intertrade Publications (India) Private Limited. Improvements in or relating to a germicidal and preservative composition for preserving books or like materials. Accepted on 28th June 1963.
- Comprising a solution of mercuric chloride and methylated or rectified spirit.*
82053. Pirelli Societa Per Azioni and Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Composition containing elastomer polymers and/or copolymers vulcanizable by means of peroxides. Accepted on 25th June 1963.
- Comprising atleast one diene polymer and/or copolymer of low molecular weight prepared by means of lithium catalyst, of an intrinsic viscosity between 0.1 and 1.*
82077. Kabelschlepp G.m.b.H. Guiding device intended to carry cables, flexible tubes or the like between a fixed point of connection and displaceable appliance. Accepted on 22nd June 1963.
- Characterized in that the displaceable end piece is surmounted by a carrying rail from which the end piece is suspended to be displaceable along the carrying rail.*
82191. Council of Scientific and Industrial Research. An improved jacketted electrolytic cell for the electro-deposition of metals and metallic oxides in general and manganese dioxide in particular. Accepted on 26th June 1963.
- Electrolysis is carried out in a double walled electrolytic cell which is connected to a surge tank whose contents are continuously circulated into the annular space of the double walled cell for temperature control.*
82314. Dunlop Rubber Company Limited. Improvements in and relating to the production of vulcanized rubber compositions. (26th May 1961). Accepted on 26th June 1963.
- Comprises vulcanizing a substantially unvulcanized rubber composition while the composition is elongated under conditions whereby flow of the rubber composition in the direction of elongation is restricted.*
82360. Johns-Manville Corporation. New perlite filter aids and method of preparing them. Accepted on 28th June 1963.
- Comprising agglomerating the perlite particles by adding a liquid and subjecting to calcination.*
82485. H. Meier. Rail anchorage. Accepted on 27th June 1963.
- Characterised by an angular supporting element on each side of the rail base, said element having a web bonded into the recess in the tie and a horizontal web bonded to the upper surface of the tie, an anchor bolt through the horizontal web, a clamping member resting on the horizontal web and the rail base and threaded means on the bolt.*
82490. "Metapic" S.A. Mechanism for locking and unlocking the shuttle on rising box looms. Accepted on 26th June 1963.
- Comprising a separate locking device for each compartment of the box and means for actuating the locking device.*
82491. "Metapic" S. A. Control device for the lift box motion on weaving looms. Accepted on 26th June 1963.
- Consisting the combination of a gear case divided into two compartments, one of which is closed forming an oil bath and containing the driving means while the other contains means capable of taking up four characteristic positions of connection with the lift box.*
82541. Imperial Chemical Industries Limited. Improved lubricating composition. (6th June 1961). Accepted on 25th June 1963.
- Process for lubricating filaments of stereoregular hydrocarbon polymers and copolymers by means of an emulsion oil characterised in that the oil is a silicone fluid having a viscosity between 1000 and 200,000 centistokes.*
82566. Algemene Kunstzijde Unie N. V. Improvements in or relating to the after-treatment of cellulosic textile materials. Accepted on 26th June 1963.
- Comprises treating the material with aqueous solution containing halide catalyst and a polymeric acetal and formaldehyde, drying the textile material at temperature 90° to 130°C and subsequently curing the treated material at a temperature 130°C to 180°C, wherein the solution with which the textile material is treated, has pH 4.5 to 7.5 and contains formaldehyde.*
82597. Maschinenbau Rapp & Seidt. Process and apparatus for opening and mixing bales of fibrous material. Accepted on 26th June 1963.
- The spikes of the plucking device are moved on the front of the layer stack to be separated into flocks in a horizontal direction.*
82651. The Babcock & Wilcox Company. Continuous casting method and apparatus. Accepted on 27th June 1963.
- Metal being delivered to an upright open ended fluid cooled mold, the embryo casting being withdrawn from the mold in a pattern of changing withdrawal rates to vary the molten metal level within the mold between a range of selected upper and lower limits.*
82788. Associated Textile Engineers. A bobbin supporting creel. Accepted on 27th June 1963.
- Comprises horizontal supporting members having two downwardly divergent surfaces to deflect foreign matters and air stream passing thereover and engaging means for bobbins. . .*
82825. Spindelfabrik Sussen, Schurr, Stahlecker & Grill G.m.b.H. Improvements relating to spring-loaded tensioning devices in drawing frames of spinning machines. (11th April 1962). Accepted on 27th June 1963.
- Characterised in that the tensioning device comprises a plate supported on and parallel to the carrier bar and can be lifted off the carrier bar and the guide member is disposed above the plane of the plate.*
82847. Midland Transformer Company Limited. Improvements in or relating to electrical contact devices for variable transformers and the like. (20th June 1961). Accepted on 25th June 1963.
- The contact device is positively and resiliently mounted on the insulated base and is adapted to be released therefrom, wherein its movement is unobstructed by the hook like bracket or brackets.*

559. Minimax Limited. Improvements in or relating to foam generators. Accepted on 26th June 1963.

*Foam generator is provided with a central jet and a plurality of radial jets around the central jet.*

83530. A. P. L. Rowlands. Improvements in or relating to time recording clocks. Accepted on 26th June 1963.

*Includes a rotatable shaft with a rotatable sleeve carried thereupon securing a time recording disc and access means for inserting a marking device for marking a portion of the disc confronting the access means.*

87673. Dow Corning Corporation. Treatment of base members with organosilanes or aqueous solutions of hydrolysates thereof. [Divisional date 30th January 1962]. Accepted on 24th June 1963.

*Comprises wetting atleast a portion of the member with an organo-silane.*

88032. Sociedade Imperial De Caju E Oleos Lda. Apparatus for extracting cashew nut-shell oil. [Divisional date 25th September 1961]. Accepted on 25th June 1963.

*Comprising an axial central feeder a rotary tray and means for effecting an incision in the nut kernels at their smaller lobe and throwing the nuts by their larger lobe against a longitudinally rilled stationary annular surface against which kernel is broken to fragments.*

#### Patents Sealed

75907. 76192. 76464. 76520. 76718. 76728. 76950. 76951. 76971.  
77225. 77326. 77387. 77451. 77458. 77493. 77502. 77513. 77562.  
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81013. 81186. 81191. 81330. 84337. 84632. 84633. 84634. 85192.  
85215.

#### Amendment Proceedings

(1)

The amendment proposed by the General Electric Company Limited in respect of Patent application No. 74083 as advertised in the Gazette of India Part III, Section 2, dated the 2nd March 1963 has been allowed.

(2)

The amendment proposed by National Malleable and Steel Castings Company in respect of Patent application No. 75477 as advertised in the Gazette of India, Part III, Section 2, dated the 9th March 1963 has been allowed.

(3)

The amendment proposed by James Hunter, Incorporated in respect of Patent application No. 76266 as advertised in the Gazette of India Part III, Section 2, dated the 16th March 1963, has been allowed.

(4)

The amendment proposed by Phillips Petroleum Company in respect of Patent application No. 77310 as advertised in the Gazette of India Part III, Section 2, dated the 9th March, 1963, has been allowed.

#### Registration of Assignments, Licences, Etc.

Assignments, Licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

62835—Velcro S.A.

#### Renewal Fees Paid

40025. 40173. 40177. 40436. 41639. 41662. 42196. 43444. 45440.  
45469. 45493. 45534. 45605. 45685. 45700. 46029. 46325. 47314.  
47375. 47475. 47564. 47679. 47691. 47697. 47730. 47809. 47810.  
47862. 47937. 49830. 49838. 49841. 49914. 49957. 49985. 50017.  
50061. 50089. 50322. 50326. 50373. 50438. 50550. 52100. 52134.  
52263. 52271. 52289. 52294. 52305. 52306. 52318. 52328. 52446.

52538. 52559. 52586. 52593. 52595. 52607. 52641. 52655. 52684.  
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72302. 72426. 72489. 72493. 72531. 72559. 72685. 72697. 72782.  
72798. 72893. 73230. 73262. 76642. 79406. 81290.

**RENEWAL FEES PAID** in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

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#### Cessation of Patents

39031. 39065. 39156. 39157. 39172. 39173. 39174. 40882. 40924.  
42571. 42631. 42643. 42653. 42673. 42779. 43126. 44500. 44518.  
44531. 44565. 44579. 44617. 44618. 44619. 44620. 44622. 45001.  
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59661. 59663. 60140. 60831. 62898. 62903. 62916. 62954. 62958.  
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63121. 63133. 63138. 63157. 64444. 66455. 66456. 66464. 66471.  
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66658. 66667. 66676. 66695. 66697. 66702. 66713. 66718. 66720.  
66725. 66747. 66751. 66772. 66775. 69376.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 115881, 115883 and 115884. Madanlal Kedarnath Gupta, Murarilal Kedarnath Gupta, Bansil Mohan Kedarnath Gupta, Kamalnayan Kedarnath Gupta, Sudarshan Kumar, Kedarnath Gupta, and Ashok Kumar Kedarnath Gupta, Indian Subjects, 20, Wadi Bunder Road, Mazgaon, Bombay 10, Maharashtra, India, "Cutlery and the like table articles", November 6, 1962.

Class 3. No. 117951. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", March 30, 1963. (United Kingdom).



- Class 3. No. 118063. Dorab Jehangirji Frenchman, An Indian Citizen and Madhusudan Ratilal Parekh An India Citizen, Kanta Building, D-Block, Near Super Cinema, Grant Road, Bombay-7, Maharashtra, India, "Siphon pump", May 9, 1963.
- Class 8. Nos. 117274 to 117277. Khawaja Abdul Hafiz Vohra, Abdul Hamid Vohra, and Khawaja Abdul Rehman Vohra, Indian Subjects, P.O. Box No. 132, Alleppey, Kerala, India, "Rubber matings", February 28, 1963.
- Class 13. Nos. 117944, 117945, 117947 and 117948. The Crown Spg. & Mfg. Co. Ltd., Kokhale Road, (South) Parel, Bombay 13, Nationality-Indian, "Textile goods", April 30, 1963.
- Class 13. Nos. 117975 to 117982. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", May 2, 1963.
- Class 13. Nos. 118026 to 118030. The Mafatlal Fine Spg. & Mfg. Co., Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", May 4, 1963.
- Class 13. Nos. 118031 to 118041. Shree Madhusudan Mills Ltd., an Indian firm, Globe Mill Passage, Delisle Road, Bombay-13, "Cotton piece goods", May 4, 1963.
- Class 13. Nos. 118042 and 118043. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", May 4, 1963.
- Class 13. No. 118056. The Bombay Dyeing and Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", May 8, 1963.
- Class 13. Nos. 118069 and 118070. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12,

Nationality Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece-goods", May 9, 1963.

- Class 13. Nos. 118076 to 118084. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a Company, incorporated in India, "Textile piece goods", May 9, 1963.
- Class 13. Nos. 118149 to 118151. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills "Vasant Vijay", 470/471, Worli Road, Bombay-18, (India) "Textile goods", May 15, 1963.
- Class 13. No. 118197. Premier Chemical Industries, Opp. Usha talkies, Patelwadi, New Nagardas Cross Road, Andheri (East), Bombay-69, Indian Business concern, "Textile goods", May 25, 1963.
- Class 13. Nos. 118124 to 118130. Lakshmiratan Cotton Mills Co. Ltd., Kalpi Road, Kanpur, Uttar Pradesh State, a Company registered in India, "Textile goods", May 14, 1963.
- Class 14. No. 117946. The Crown Spg. & Mfg. Co., Ltd., Gokhale Road (South) Parel, Bombay 13, Nationality-Indian, "Textile goods", April 30 1963.
- Class 14. No. 118166. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piece-goods", May 20, 1963.

#### Cancellation of the Registration of Designs

An application has been made by Auto India Agency for cancellation of the registration of design No. 114242 in the name of India Auto Industries.

S. VENKATESWARAN

Controller General of Patents, Designs  
and Trade Marks

